

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/12629

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G10L21/02 G06F1/03

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G10L G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	"Speech processing, Transmission and Quality aspects (STQ); Distributed speech recognition; Advanced front-end feature extraction algorithm; Compression algorithms; ETSI ES 202 050" ETSI STANDARDS, EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE, SOPHIA-ANTIPO, FR, vol. STQ-AURORA, no. V111, October 2002 (2002-10), XP014004538 ISSN: 0000-0001 page 10, paragraph 5 - page 14, paragraph 5.1.5  ----- -/--	1-3, 8-10, 15-19

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

7 July 2004

Date of mailing of the international search report

20/07/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>CITRON D, FEITELSON D, RUDOLPH L:  "Accelerating multi-media processing by  implementing memoing in multiplication and  division units"  PROC. INT. CONF. ON ARCHITECTUAL SUPPORT  FOR PROGRAMMING LANGUAGES AND OPERATING  SYSTEMS, 1998, pages 252-261, XP002287479  SAN JOSE, CALIFORNIA, USA  page 253, paragraph 2.1</p>	1-19
A	<p>EP 0 809 842 A (NOISE CANCELLATION TECH)  3 December 1997 (1997-12-03)  page 5, line 1 - line 36</p>	1-19
A	<p>US 5 012 519 A (AIZNER MENDEL ET AL)  30 April 1991 (1991-04-30)  column 13, line 34 - line 40</p>	1-19
A	<p>CHAOUI J ET AL: "Implementation of a car  handsfree speech enhancement application  on a TI TMS320C54x DSP"  ACOUSTICS, SPEECH AND SIGNAL PROCESSING,  1998. PROCEEDINGS OF THE 1998 IEEE  INTERNATIONAL CONFERENCE ON SEATTLE, WA,  USA 12-15 MAY 1998, NEW YORK, NY,  USA, IEEE, US, 12 May 1998 (1998-05-12),  pages 3057-3060, XP010279499  ISBN: 0-7803-4428-6  the whole document</p>	1-19

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0809842	A	03-12-1997	US 5768473 A	16-06-1998
			AT 268494 T	15-06-2004
			CA 2209409 A1	08-08-1996
			EP 0809842 A1	03-12-1997
			JP 3270480 B2	02-04-2002
			JP 10503297 T	24-03-1998
			WO 9624127 A1	08-08-1996
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US 5012519	A	30-04-1991	NONE	
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